

| Ref # | Hits | Search Query                             | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 1067 | 374/121.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/09 20:28 |
| S2    | 368  | 374/137.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/09 19:42 |
| S3    | 296  | 374/120.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 13:33 |
| S4    | 1128 | 374/141.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/17 14:14 |
| S5    | 15   | "4892707"                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/17 14:35 |
| S6    | 145  | "374"/\$.ccls. and photon                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/09 19:43 |
| S7    | 204  | "374"/\$.ccls. and photon                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/11/09 19:43 |
| S8    | 96   | "374"/\$.ccls. and photon and flow\$4    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/11/09 19:46 |
| S9    | 1515 | "374"/\$.ccls. and radiation and flow\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/11/09 19:47 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S10 | 792 | "374"/\$.ccls. and radiation and flow\$4 and (semiconductor or electronic)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 19:48 |
| S11 | 503 | "374"/\$.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 19:52 |
| S12 | 203 | "374"/\$.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and distribution   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:04 |
| S13 | 106 | "374"/\$.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:04 |
| S14 | 25  | "374"/\$.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution) and (heat adj sink) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:07 |
| S15 | 0   | 374/147.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:08 |
| S16 | 0   | 374/152.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:08 |
| S17 | 9   | 374/141.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:09 |
| S18 | 19  | 374/121.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:09 |
| S19 | 14  | 374/137.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:09 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S20 | 17  | 374/124.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:09 |
| S21 | 6   | 374/45.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:09 |
| S22 | 5   | 374/5.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:09 |
| S23 | 2   | 374/57.ccls. and radiation and flow\$4 and (semiconductor or electronic) and cool\$3 and ((thermal or temperature) NEAR distribution)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:20 |
| S24 | 0   | (radiation NEAR deterct\$3) and (semiconductor or electronic) and cool\$3 and (heat adj (sink or exchang\$4))                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:21 |
| S25 | 489 | (radiation NEAR detect\$3) and (semiconductor or electronic) and cool\$3 and (heat adj (sink or exchang\$4))                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:21 |
| S26 | 370 | (radiation NEAR detect\$3) and (semiconductor or electronic) and cool\$3 and (heat adj (sink or exchang\$4)) and flow\$3               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:24 |
| S27 | 6   | "6251706"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:26 |
| S28 | 27  | "5844208"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:26 |
| S29 | 7   | "6349032"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/09 20:27 |

|     |     |                           |   |    |     |                  |
|-----|-----|---------------------------|---|----|-----|------------------|
| S38 | 331 | 374/124.ccls.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/10 13:36 |
| S39 | 129 | 374/124.ccls. and cool\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/10 13:37 |
| S40 | 129 | 374/124.ccls. and cool\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 13:37 |
| S41 | 129 | 374/124.ccls. and cool\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 13:37 |

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------|---|------------------|---------|------------------|
| L1    | 372  | 374/137.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:05 |
| L2    | 331  | 374/124.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:05 |
| L3    | 1073 | 374/121.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L4    | 1136 | 374/141.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L5    | 183  | 374/147.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L6    | 188  | 374/152.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L7    | 79   | 374/125.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L8    | 245  | 374/5.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L9    | 406  | 374/57.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:07 |

|     |    |              |   |    |     |                  |
|-----|----|--------------|---|----|-----|------------------|
| L10 | 59 | 374/47.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/10 16:07 |
|-----|----|--------------|---|----|-----|------------------|

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------|---|------------------|---------|------------------|
| L1    | 372  | 374/137.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:05 |
| L2    | 331  | 374/124.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:05 |
| L3    | 1073 | 374/121.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L4    | 1136 | 374/141.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L5    | 183  | 374/147.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L6    | 188  | 374/152.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L7    | 79   | 374/125.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L8    | 245  | 374/5.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:06 |
| L9    | 406  | 374/57.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 16:07 |

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L10 | 59    | 374/47.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/10 16:08 |
| L11 | 59733 | (semiconductor or (integrated adj circuit) or electronic) and (heatsink or (heat adj sink) or (heat adj exchang\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/10 16:08 |
| L12 | 68342 | (semiconductor or (integrated adj circuit) or electronic) and (heatsink or (heat adj sink) or (heat adj exchang\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:09 |
| L13 | 4704  | (semiconductor or (integrated adj circuit) or electronic) NEAR (heatsink or (heat adj sink) or (heat adj exchang\$3))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:09 |
| L14 | 2163  | (semiconductor or (integrated adj circuit) or electronic) NEAR (heatsink or (heat adj sink) or (heat adj exchang\$3)) and (cool\$6)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:09 |
| L15 | 1191  | (semiconductor or (integrated adj circuit) or electronic) NEAR (heatsink or (heat adj sink) or (heat adj exchang\$3)) and (cool\$6) and flow\$4                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:09 |
| L16 | 989   | (semiconductor or (integrated adj circuit) or electronic) NEAR (heatsink or (heat adj sink) or (heat adj exchang\$3)) and (cool\$6) and flow\$4 and (air or fluid) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:18 |
| L17 | 1678  | "361"/\$.ccls. and (coolant)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:18 |
| L18 | 1432  | "361"/\$.ccls. and (coolant) and flow\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:19 |
| L19 | 590   | "361"/\$.ccls. and (coolant) and flow\$4 and (semiconductor)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:23 |



|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| L20 | 59 | "361"/\$.ccls. and (coolant) and flow\$4 and (semiconductor) and duct | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/10 16:23 |
|-----|----|---|---|----|----|------------------|